

## **Remarks**

Applicant respectfully requests reconsideration of this application as amended.

Claims 1, 2 and 8 have been amended. Claims 16-23 have been cancelled. Therefore, claims 1-15 are presented for examination.

Claims 17-23 stand rejected under 35 U.S.C. §102(e) as being anticipated by Watanabe et al. (U.S. Publication No. 2002/0144134). Applicant submits that the above-rejection has been obviated by the cancellation of claims 17-23.

Claims 1-4 and 7-16 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Watanabe et al. (U.S. Publication No. 2002/0144134) in view of Meyerson (U.S. Patent No. 6,976,251). Applicant submits that the claims are patentable over Watanabe in view of Meyerson.

Watanabe discloses a software defined radio and an approval system of a radio which can flexibly cope with specification alteration. A software defined radio includes storage for holding transmission and reception characteristic information serving as a specification criterion, and a control unit for comparing a measured value obtained from a measurement circuit with the information of the specification criterion and conducting setting of the radio so as to satisfy the specification. See Watanabe at Abstract.

Meyerson discloses a method of updating computer software by downloading software update information through a network, such as the Internet, to a user's computer. The download is preferably done periodically and automatically. If available, a criticality check program identified in the software update information is then automatically downloaded and executed to determine the configuration of the user's computer. The criticality and applicability of available software updates are evaluated by the criticality

check program in light of the specific software and/or hardware configuration of the user's computer. The software updates may then be downloaded and installed automatically, if previously authorized by the user, by comparing the criticality of the updates to the user, as determined by the criticality check program, to stored user preference information specifying a user criticality threshold. Software updates determined to be more critical than the user criticality threshold are installed automatically and the user is notified of the availability of less critical updates. See Meyerson at Abstract.

Claim 1 of the present application recites certifying a first analog front end for operation as a first software-defined radio at a first frequency if the first ID matches the second ID. Applicant submits that neither Watanabe nor Meyerson disclose or suggest certifying an analog front end for operation as a first software-defined radio at a first frequency if the first ID matches the second ID. Therefore, any combination of Watanabe and Meyerson would not disclose or suggest such a feature. As a result, claim 1 is patentable over Watanabe in view of Meyerson.

Claims 2-7 depend from claim 1 and include additional features. Thus, claims 2-7 are also patentable over Watanabe in view of Meyerson.

Claim 8 recites a first analog front-end to operate as a first software-defined radio certified for operation at a first frequency by authenticating a first identification (ID) received at a baseband unit with a second ID stored at the first analog front end. Further, claim 8 recites second first analog front-end to operate as a second software-defined radio certified for operation at a second frequency by authenticating a second ID received at the baseband unit with a second ID stored at the second analog front end. Applicant submits that nowhere in Watanabe or Meyerson is there disclosed or suggested two analog front ends coupled to a

baseband processor that may be certified to operate as separate software-defined radios. For the reasons described above with respect to claim 1, claim 8 is also patentable over Watanabe in view of Meyerson. Because claims 9-15 depend from claim 8 and include additional features, claims 9-16 are also patentable over Watanabe in view of Meyerson.

Claims 5-6 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Watanabe et al. in view of Meyerson as applied in claim 1 above, and further in view of Paulsen et al. (U.S. Patent No. 6,055,575). Applicant submits that the present claims are patentable over Watanabe and Meyerson even in view of Paulsen.

Paulsen discloses a system and method for remote users to access a private network having a first communications protocol via a public network in a secure manner so that the remote user appears to be connected directly to the private network and appears to be a node on that private network. A host connected to the private network may execute a host software application which establishes and provides a communications path for secure access of the remote client computer. An encrypted data stream may be communicated between the host and the client representing traffic and commands on the network. See Paulsen at Abstract.

Nevertheless, Paulsen does not disclose a process of certifying an analog front end for operation as a first software-defined radio at a first frequency if the first ID matches the second ID. As discussed above, neither Watanabe nor Meyerson disclose or suggest certifying a first software-defined radio for operation. Since Watanabe, Meyerson and Paulsen individually do not disclose or suggest certifying an analog front end for operation as a first software-defined radio at a first frequency if the first ID matches the second ID, any combination of Watanabe, Meyerson and Paulsen also would not disclose or suggest such a

feature. Consequently, the present claims are patentable over Watanabe and Meyerson in view of Paulsen.

Applicant respectfully submits that the rejections have been overcome and that the claims are in condition for allowance. Accordingly, applicant respectfully requests the rejections be withdrawn and the claims be allowed.

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



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